JC06 Rec'd PCT/PTO 12 SEP 2005

Our Case No. MSQ01-003-US

IN THE DITED STATES PATENT AND TRADE OF CONTROL OF CONT

In re Application of:)
Clifford Charles Shone et al.)
International Application No. PCT/GB03/03082)
Application No.: 10/521,401)
International Filing Date: July 15, 2003)

For

TARGETED AGENTS FOR NERVE

REGENERATION

TRANSMITTAL AND CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I certify that the following correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

M.S. – PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

6- Sept. - 2005

Paul E. Rauch, Ph.D., Registration No. 38,591 typed or printed name of person signing Certificate

- 1. Credit Card Form \$130.00(Oath or Declaration Surcharge of \$130.00)
- Response to Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US) (in duplicate)
- 3. Copy of Original Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US)
- 4. Fully Executed Declaration
- 5. Power of Attorney and Statement under 37 CFR 3.73 (b)
- 6. Sequence Listing, Substitute Computer Readable Form copy of the Sequence Listing and Statement

Large entity - Payment by credit card. Form PTO-2038 is attached. - The Commissioner is authorized to charge any required fees not covered by this credit card payment or credit any overpayment to Deposit Account Number 50-3123. (A duplicate copy of this sheet is attached.)

09/16/2005 MKAYPAGH 00000084 10521401

01 FC:1617

130.00 OP

Customer No. 43320 Evan Law Group LLC 566 West Adams Suite 350 Chicago, Illinois 60661 312 876-1400

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DESIGNATED/ELECTED OFFICE (DO/EO/US)

In re Application of:)
Clifford Charles Shone et al.)
International Application No. PCT/GB03/03082)
Application No.: 10/521,401	ý
International Filing Date: July 15, 2003)
For TARGETED AGENTS FOR NERVE	

Response to Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US)

M.S. – PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REGENERATION

Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US) dated July 5, 2005, enclosed herewith for filing are the following documents:

- 1. Credit Card Form \$130.00(Oath or Declaration Surcharge of \$130.00)
- 2. Copy of Original Notification of Missing Requirements Under 35 U.S.C. 371 In the United States Designated/Elected Office (DO/EO/US)
- 3. Fully Executed Declaration
- 4. Power of Attorney and Statement under 37 CFR 3.73 (b)
- 5. Sequence Listing, Substitute Computer Readable Form copy of the Sequence Listing and Statement

Large entity - Payment by credit card. Form PTO-2038 is attached. The Commissioner is authorized to charge any required fees not covered by this credit card payment or credit any overpayment to Deposit Account Number 50-3123. (A duplicate copy of this sheet is attached.)

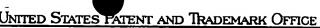
Respectfully submitted,

Paul E. Rauch, Ph.D. Registration No. 38,591

Evan Law Group LLC 566 West Adams Suite 350 Chicago, Illinois 60661 (312) 876-1400

PRIORITY DATE







UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. BOX 1450 Alexandra, Viginia 22313-1450

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY, DOCKET NO.
10/521,401	Clifford Charles Shone	MSQ01-003-US

INTERNATIONAL APPLICATION NO.

PCT/GB03/03082

LA. FILING DATE

43320 EVAN LAW GROUP LLC 566 WEST ADAMS, SUITE 350 CHICAGO, IL 60661 RECIEIVED

Evan Law Group LLC

07/15/2003 07/19/2002

CONFIRMATION NO. 2849
371 FORMALITIES LETTER

OC00000016445464

Date Mailed: 07/05/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/18/2005
- Copy of the International Search Report filed on 01/18/2005
- Copy of IPE Report filed on 01/18/2005
- Preliminary Amendments filed on 01/18/2005
- Information Disclosure Statements filed on 01/18/2005
- Biochemical Sequence Diskette filed on 01/18/2005
- Request for Immediate Examination filed on 01/18/2005
- U.S. Basic National Fees filed on 01/18/2005

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.
 - A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of

the computer readable does not comply with the requirements of R 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/521,401	PCT/GB03/03082	MSQ01-003-US

FORM PCT/DO/EO/905 (371 Formalities Notice)

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10 SQ1, 401

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street. Alexandria, VA 22314

Revised 01/24/05

Lelle R

7 7/1



RAW SEQUENCE LISTING

DATE: 01/28/2005

PATENT APPLICATION: US/10/521,401

TIME: 11:39:11

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\01282005\J521401.raw

```
1 <110> APPLICANT: Health Protection Agency
```

- W--> 2 <120> TITLE OF INVENTION: Targeted Agents for Nerve
- W--> 3 <130> FILE REFERENCE: GWS/CMS/24346WO <150> GB 0216865.6 <151> 2002-07-19
- C--> 4 <140> CURRENT APPLICATION NUMBER: US/10/521,401
- C--> 4 <141> CURRENT FILING DATE: 2005-01-18
- E--> 4 <160> NUMBER OF SEQ ID: 24 <170> PatentIn version 3.1 <210> 1 <211> 215 <212> PRT <213>

ERRORED SEQUENCES

E--> 65 <210> SEQ ID NO: 2 <211> 212 <212> PRT <213> Artificial Sequence <220> <223>

W--> 66 Synthetic

RIF PATENT-IN SOFTWARE WAS USED E--> 68 <211> LENGTH:

E--> 68 <212> TYPE:

to create submitted file, Please E--> 68 <213> ORGANISM: 68 <400> SEQUENCE: 2 70 Ala Glu Thr Lys Asn Phe Thr Asp Leu Val Glu Ala Thr Lys Trp Gly 74 Asn Ser Leu Ile Lys Ser Ala Lys Tyr Ser Ser Lys Asp Lys Met Ala Mark Spenu

25 30

78 Ile Tyr Asn Tyr Thr Lys Asn Ser Ser Pro Ile Asn Thr Pro Leu Arg

82 Ser Ala Asn Gly Asp Val Asn Lys Leu Ser Glu Asn Ile Gln Glu Gln 571-272-253.

86 Val Arg Gln Leu Asp Ser Thr Ile Ser Lys Ser Val Thr Pro Asp Ser

90 Val Tyr Val Tyr Arg Leu Leu Asn Leu Asp Tyr Leu Ser Ser Ile Thr

94 Gly Phe Thr Arg Glu Asp Leu His Met Leu Gln Gln Thr Asn Asn Gly

105 98 Gln Tyr Asn Glu Ala Leu Val Ser Lys Leu Asn Asn Leu Met Asn Ser

120 102 Arg Ile Tyr Arg Glu Asn Gly Tyr Ser Ser Thr Gln Leu Val Ser Gly

135

106 Ala Ala Leu Ala Gly Arg Pro Ile Glu Leu Lys Leu Glu Leu Pro Lys 150

110 Gly Thr Lys Ala Ala Tyr Ile Asp Ser Lys Glu Leu Thr Ala Tyr Pro 165

114 Gly Gln Gln Glu Val Leu Leu Pro Arg Gly Thr Glu Tyr Ala Val Gly 185

118 Ser Val Lys Leu Ser Asp Asn Lys Arg Lys Ile Ile Ile Thr Ala Val

195 200

122 Val Phe Lys Lys